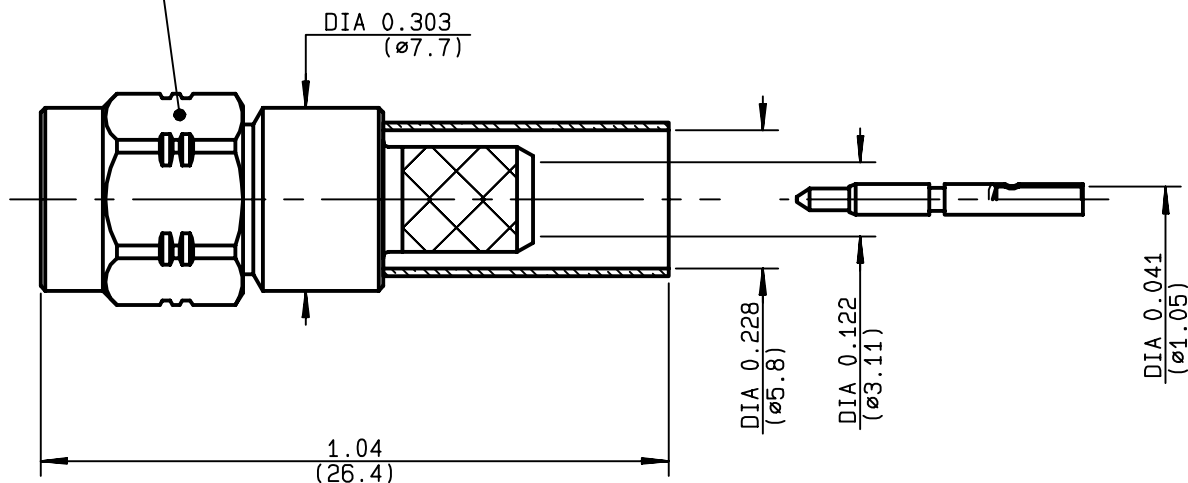


STRAIGHT PLUG FULL CRIMP-TYPE CABLE 5/50 D

R124.076.323

SERIES SMA-COM

Hex. .315/flats
(Hex. 8/plats)



NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-12.4	GHz
TEMPERATURE RATING	-65/+165	$^{\circ}\text{C}$
V.S.W.R	1.15 + .01 x F(GHz)Maxi	
RF INSERTION LOSS	0.05 $\sqrt{F}$ (GHz) dB Maxi	
VOLTAGE RATING	335	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000	Veff Mini
INSULATION RESISTANCE	5000	M Ω Mini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	100	Cycles
WEIGHT	4.9	gr
SPECIFICATION		

CABLES : **KX 23**
RG 142
RG 142 FTX
RG 223
RG 400

OTHERS CHARACTERISTICS

CABLE RETENTION	204	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	18	N Mini
Axial force - opposite end	18	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	60	cm.N
Panel nut	NA	cm.N
Clamp nut	NA	cm.N

CONNECTOR PARTS MATERIALS

BODY	BRASS
OUTER CONTACT	
CENTER CONTACT	BRASS
INSULATOR	PTFE
GASKET	
OTHERS PIECES	BRASS

FINISH (all values are given in micrometers)

GOLD 0.2 OVER NICKEL 2
GOLD 1.3 OVER COPPER 2.5
-
-
GOLD 0.2 OVER NICKEL 2

TRIQUES

ISSUE	CREATION DATE	FILE PART-NUMBER
9847B00	20/05/1996	96-1000-053



RADIALL®

The information given here is subject to change without notice.
Design changes may be in order to improve the product.

Connect to the future

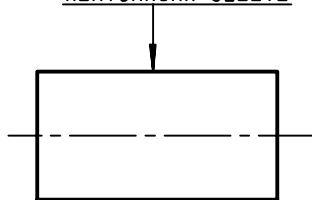
**R124.076.323**

ISSUE 9847B00

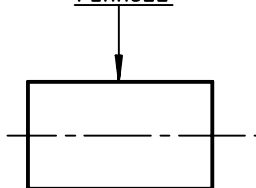
SERIES

SMA-COM

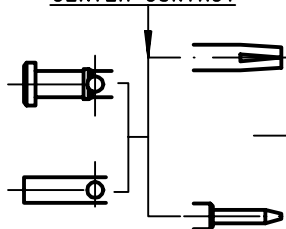
HEATSHRINK SLEEVE



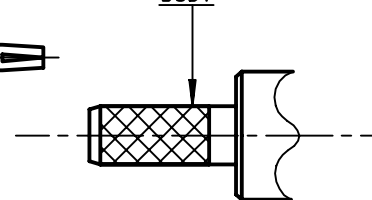
FERRULE



CENTER CONTACT

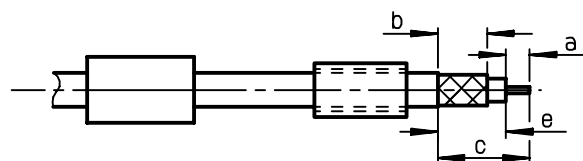


BODY



①

Slide heatshrink sleeve (R280.637.030-Option) and ferrule onto cable.
Strip the cable.

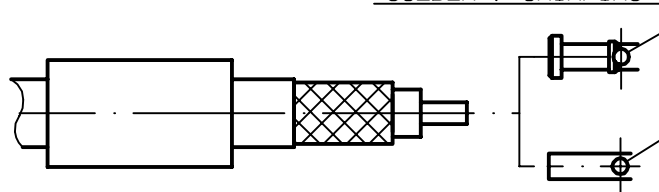


Stripping	a	b	c	d	e
inch	0.118	0.248	0.425	0	0.307
mm	3	6.3	10.8		7.8

②

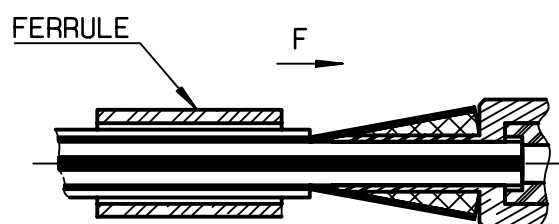
Slide center contact on until it bottoms against cable dielectric .
Solder or crimp center contact .
Crimping tool : R282.281.000 (2 x 4 pts)
position 7
+ positionner R282.967.012.
-

SOLDER / CRIMPING



③

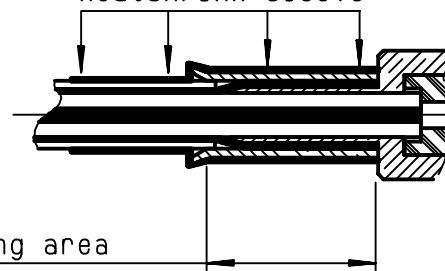
Fan the braid .
Slide cable into the body by overtaking the insulator hard mounting point.
Slide ferrule over the braid .
(In direction F)



④

Crimp the ferrule with crimping tool R282.223.000 (Hex. : .213)(5.41) or crimping tool R282.293.000 (M22520/5-01) + dies R282.235.011 (M22520/5-11)
Cut excess of braid if necessary .
Slide sleeve over ferrule and heatshrink in place (Option)
-
-

Shrink the heatshrink sleeve



Crimping area